

Title (en)

NOVEL ANTIGEN PEPTIDE FOR PREPARATION OF FORMYL-METHIONINE-SPECIFIC ANTIBODY

Title (de)

NEUARTIGES ANTIGENPEPTID ZUR HERSTELLUNG EINES FORMYLMETHIONINSPEZIFISCHEN ANTIKÖRPERS

Title (fr)

NOUVEAU PEPTIDE ANTIGÈNE POUR PRÉPARER UN ANTICORPS SPÉCIFIQUE DE LA FORMYL-MÉTHIONINE

Publication

EP 4368630 A1 20240515 (EN)

Application

EP 22837790 A 20220328

Priority

- KR 20210090288 A 20210709
- KR 2022004347 W 20220328

Abstract (en)

The present invention relates to a novel antigen peptide and, more specifically, the antigen peptide is for preparing an antibody capable of specifically detecting formyl-methionine. It has been identified that an antibody prepared using an antigen peptide for the preparation of a formyl-methionine-specific antibody, according to the present invention, has excellent antigen-binding ability at peptide and protein levels and has excellent antigen-binding ability even under a condition in which intracellular formylated protein expression changes. Therefore, an antigen peptide of the present invention can be effectively used in the preparation of antibodies universally recognizing peptides and proteins having formyl-methionine.

IPC 8 full level

C07K 7/06 (2006.01); **C07K 16/44** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP KR)

C07K 7/06 (2013.01 - EP KR); **C07K 16/44** (2013.01 - EP KR); **G01N 33/68** (2013.01 - EP KR); **C07K 2319/00** (2013.01 - KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4368630 A1 20240515; KR 20230009631 A 20230117; WO 2023282436 A1 20230112

DOCDB simple family (application)

EP 22837790 A 20220328; KR 20210090288 A 20210709; KR 2022004347 W 20220328